

38. The bowl according claim 36 wherein said lid and said side wall of said bowl are formed as a single integral unit.
39. The bowl according to claim 36 wherein said lid is provided with a dome or other receptacle for holding a ground charge in said bowl when said bowl is inverted.
40. A base plate for a bowl of a grinding head, the base plate adapted for attachment to a side wall of the bowl and having a boss on one side for driving a grinder ring locatable over the boss.

IN THE ABSTRACT

Add the following Abstract to the application:

--A grinding head (10) includes a grinding bowl (12) provided with a boss (14) fixed to a bottom wall (16) of the bowl (12) and projecting into the bowl (12). The head (10) also includes a grinder ring (18) that is locatable over the boss (14) and freely moveable within the bowl (12). A lid (30) closes the bowl to prevent the escape of a mineral sample during grinding.--

REMARKS

Favorable consideration and entry of the new claims to the application is respectfully requested. The new claims include amendments to remove the multiple dependant claims to reduce the filing fee, and also to place the claims in better form for examination. An abstract on a separate sheet is also enclosed, which corresponds to the abstract of the PCT publication of this application.

Respectfully submitted,



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